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## Response To Restriction Requirement

#### In the claims:

1. (Original) A catheter having a pre-assembly state and an assembled state, the catheter comprising:

a first component and a second component, in the pre-assembly state at least a portion of the first component overlapping at a bonding site at least a portion of the second component, the at least a portion of the first component having a first outer diameter and the at least a portion of the second component having a second outside diameter;

in the assembled state the at least a portion of the first outside diameter being substantially equal to the second outside diameter.

- 2. (Original) The catheter of claim 1 wherein the first component defines a catheter shaft.
- 3. (Original) The catheter of claim 2 wherein the second component defines a medical balloon.
- 4. (Original) The catheter of claim 3 wherein the second component is selected from the group consisting of medical balloons, sleeves, marker bands, stent retaining hubs and any combination thereof.
- 5. (Original) The catheter of claim 1 further comprising a third component, in the pre-assembly state at least a portion of the third component overlapping at the bonding site at least one of the at least a portion of the first component and the at least a portion of the second component, the at least a portion of the third component having a third outer diameter

in the assembled state the at least a portion of the third outside diameter being substantially equal to the first outside diameter.

- 6. (Original) The catheter of claim 5 wherein the third component is selected from at least one member of the group consisting of medical balloons, sleeves, marker bands, stent retaining hubs and any combination thereof.
- 7. (Original) The catheter of claim 1 wherein the at least a portion of the first component defines the distal end of a catheter shaft.
- 8. (Original) The catheter of claim 1 wherein the at least a portion of the second component defines the proximal end of a medical balloon.
- 9. (Original) The catheter of claim 1 wherein in the assembled state the at least a portion of the first component is heat fused to the at least a portion of the second component at the bonding site.



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- 10. (Original) The catheter of claim 9 further comprising a heat shrinkable band, in the preassembly state the heat shrinkable band being disposed about the at least a portion of the first
  component and the at least a portion of the second component at the bonding site, the heat
  shrinkable band constructed and arranged to exert a constrictive force on the at least a portion of
  the first component and the at least a portion of the second component when the bonding site is
  heated to a predetermined temperature.
- 11. (Original) The catheter of claim 9 wherein the predetermined temperature is the melting point of at least one of the at least a portion of the first component and the at least a portion of the second component.
- 12. (Original) The catheter of claim 9 wherein the predetermined temperature is about 200 degrees Celsius to about 325 degrees Celsius.
- 13. (Original) The catheter of claim 9 wherein in the assembled state the heat shrinkable band forces the first thickness and the second thickness together to form the bonding site thickness.
- 14. (Original) The catheter of claim 9 wherein the heat shrinkable band is constructed from at least one polyethylene based material.
- 15. (Original) The catheter of claim 9 wherein the heat shrinkable band is constructed from polyolefin.
- 16. (Original) A catheter comprising:
- a first component and a second component, at least a portion of the first component being bonded at a bonding site to at least a portion of the second component, the first component having a first outer diameter and the second component having a second outer diameter, at least the bonding site the first outside diameter and the second outside diameter being substantially equal.
- 17. (Original) A catheter comprising:
- a first component and a second component, the first component having a first outer diameter, the second component having a second outer diameter, at least a portion of the first component being bonded to at least a portion of the second component by heat shrinking, when the at least a portion of the first component is bonded to the at least a portion of the second component the first outer diameter is substantially equal to the second outer diameter.
- 18.- 24. (Withdrawn)